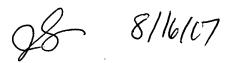
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USPTOS orm 1449 U.S. Department of Commerce Serial No. Attorney Docket No. 10/812,716 4231/2055E Applicant(s): Choong-Chin Liew INFORMATION DISCLOSURE STATEMENT Filing Date: March 30, 2004 Group: 1634 U.S. PATENT DOCUMENTS Date Name Class Filing Date Patent No. Subclass Examiner Initial 1 6,190,857 February 20, Ralph et al. 2001 April 17, 2 6,218,529 An et al. 2001 August 21, Walker, et a. 3 6,277,574 2001 December 29. Mordechai, et 5,853,996 4 1998 al. Schweighoffer June 26, 2001 6,251,590 5 et al. 5,882,864 March 16, An et al. 6 1999 Hirth August 24, 7 5,942,385 1999 November 12, Slawin et al. 8 6,479,263 2002 April 11, Falb et al. 9 6,048,709 2000 September 26, Falb, et al. 10 6,124,433 2000 November 26, Shimkets 11 6,486,299 2002 February 25, Fan, et al. 12 6,525,185 2003 Albertson et al 13 5,352,775A October 4. 1994 November 17, Monia et al. 14 5,837,449 1998 Sharp, Frank 2003/0104393 June 5, 2003 15 R. et al. **A**1 November 4, 6,642,002 Loyd, et al. 16 2003 October 7, 17 6,630,301 Gocke, et al. 2003 February 17, Bevilacqua et 18 6,692,916 2004 February 18, Herman, et al. 19 6,521,420 2003



		1 00	10000/0004004			_	··						
d		20	2003/0224374		cember 4,		ai, HongYu	ıe					
40			0000/01/0000	200			t al.						<del></del> -
1	l	21	2002/0142981		tober 3,		lorne, Darci	i					
	<u> </u>			200			. et al.						
	l	22	2003/0180743		otember 25,	N	lagasu et al.						
	<u> </u>			200									
	<u> </u>	23	2004/0121390		e 24, 2004	-	harma et al						
	<u> </u>	24	5,739,432		ril 4, 1998		inha	_					
		25	6,607,898		gust 19,	K	opreski, et	al.					
	<u> </u>			200	)3 .								
		26	6,617,170	Sep	otember 9,	Α	ugello, et a	1.			•		
				200	)3								
		27	5,352,775	Oc	tober 4,	Α	lbertson et						
	<u> </u>			199	94	a	l.,						
		28	5,837,449	No	vember,	N	Ionia et al.						
		<u> </u>		17,	1998								
FORE	GN I	PATEN	T DOCUMENTS										
Exami			Document No.		Publication		Country	C	lass	Subclas	s	Transl	ation
Initia	l				Date								
<b> </b>		29	DE 44 35 919 C		07 DEC 199	15	GERMA					Yes	No
		29	DE 44 33 919 C		07 DEC 199	(3	NY SERMA				ı		
		30	EP 0 534 640 A		31 MAR		EPO			<del> </del>			
		30	LI 0 334 040 /		1993	ŕ	LIO						
		31	JP 09 187299		22 JUL 199	7	JAPAN				$\dashv$		<u> </u>
		32	WO 98/18906		07 MAY	-	PCT				$\dashv$		<del></del>
					1998								
		33	WO 98/24935	<del></del>	11 JUN 199	8	PCT			· · · · · · · · · · · · · · · · · · ·			-
		34	WO 98/33942		06 AUG		PCT				T		
					1998								
		35	WO 98/49342		05 NOV		PCT						
<u></u>					1998								
		. 36	WO/01/25473		04/12/2001		PCT			<u> </u>			
		37	WO/03/040404	-	05/15/2003		PCT						
		38	WO/02/14547		Feb. 21,		PCT						
					2002								
		39	WO/03/061564		July 31,		PCT				T		
					2003								
		40	WO/03/086445		October 23	,	PCT						
					2003								
		41	WO/02/074986		September		PCT				$\neg \vdash$	<del></del>	
		<u> </u>			26, 2002	.							1
		42	WO/02/103320		December		PCT				$\neg$		
1 1					27, 2002					[			
	<b>y</b>	43	WO/02/057414A	2	July 25,		PCT					Front	
/X	<b>S</b>				2002							Page	
	·											and	ŀ
					-								



•	***************************************						Abstra ct Only				
95	44	WO/03/008647	01/30/2003	PCT							
go	45	WO/03/090694	11/06/2003	PCT							
V	46	WO/03/072827	09/04/2003	PCT							
4	47	WO/04/061410	07/22/2004	PCT							
OTHER DO		ENTS (including Author			ages, etc.	)					
90	48	Claudio, J.O. et al. (1									
	49	Chelly J et al. (1989)			<i>A</i> . 86:261	17-2621		·			
	50	Chelly J et al. (1988)	. Nature 333:8	58-860.							
\ .	51	Drews J & Ryser S (1	1997). Nature 1	Biotech. 15	:1318-9.						
	52	Ferrie RM et al. (199	2). Am. J. Hun	ı. Genet. 51	:251-62						
	53	Fu D-J et al. (1998).	Nat. Biotech 1	6: 381-4.							
	54	Gala JL et al. (1998).			1.		·				
	55	Geisterfer-Lowrance				06.					
	56	Groden J et al. (1991	). <i>Cell</i> 66:589	-600.							
	57	Jandreski MA & Liev	w CC (1987). <i>I</i>	Tum. Genet	. 76:47-5	3.					
·	58	Jin O et al. (1990). C	irculation 82:8	3-16							
	59	Kimoto Y (1998). Me	ol. Gen. Genet	258:233-23	39.						
	60	Koster M et al. (1996	6). Nat. Biotec	h 14: 1123-	-8						
	61	Liew & Jandreski (1986). Proc. Nat. Acad. Sci. USA. 83:3175-3179									
	62	Liew CC et al. (1990	). Nucleic Acid	ls Res. 18:3	647-3651	l					
	63	Liew CC (1993). J M	fol. Cell. Card	iol. 25:891-	894						
	64	Liew CC et al. (1994	). Proc. Natl. A	Acad. Sci. U	<i>JSA</i> . 91:1	0645-10	649				
	65	Liew et al. (1997). M	fol. and Cell. B	liochem. 17	2:81-87.	1-00-1-00-					
	66	Niimura H et al. (199				257					
	67	Ogawa M (1993). Blo		والمراجع وا							
	68	Riccie et al. (1997) N									
	69	Santoro IM & Grode									
	.70	Yuasa T et al. (1998)									
	71	Marshall KW (1996)									
	72	Campbell, C.; Verno Assessment of Norma Markers, 18:201-206	al Variability in	n Periphera	l Blood (	Gene Exp	pression. Dise				
	73	Yoshikai et al., "Genor Gene 87:257-263 (199		n of the Hun	nan Amylo	oid Beta-l	Precursor Gen	e"			
	74	GENBANK AC:V005 (XP002141055)	65, March 1995	Bell et al.:	"Sequence	of the H	luman Insulin	Gene"			
	75	GENBANK AJ:00314 FMF Region" (XP002	•	98, Bernot e	t al., "A T	ranscripti	ional Map of t	he			
		TENTE NEEDIN (AFUUL	1710011								

8/16/07



OK	1		Mutations and Three New Genes at the Familial Polyposis Locus" (XP002141058)
7		77	GENBANK AC:X52889, September 1993, Liew, "Complete Sequence and Organization
		, .	of the Human Cardiac Beta-Myosin Heavy Chain Gene" (XP002141056)
		78	GENBANK AC:M54947, April 1993, Seidman et al., "Molecular Studies of the Atrial
- 1		, 0	Natriuretic Factor Gene" (XP002141054)
		79	Nagai et al. "Decrease of the D3 dopamine receptor mRNA expression in lymphocytes
		13	from patients with Parkinson's disease," Neurology 46:791-795 (1996)
		80	Mattano et al. "Sensitive Detection of rRare Circulating Neuroblastoma Cells by the
		80	Reverse Transcriptase-Polymerase Chain Reaction Cancer Research 52:4701-4705 (1992)
<del></del>		81	Katz et al. "Molecular Staging of Prostate Cancer with the Use of an Enhanced Reverse
		Οľ	Transcriptase-PCR Assay" <i>Urology</i> 43(6):765-775 (1994)
		82	Burchill et al. "Neuroblastoma cell detection by reverse transcriptase-polymerase chain
- 1		02	
		-02	reaction (RT-PCR) for tyrosine hydroxylase mRNA" Int. J. Cancer 57:671-675 (1994)
1		83	Johnson PWM et al. "The molecular detection of circulating tumor cells", British Journal
		0.4	of Cancer 72:268-275 (1995), PAGES 268-276
ļ	1	84	Seiden et al. Detection of Curculating Tumor Cells in Men with Localized Prostate Cancer
		- 05	Journal of Clinical Oncology 12(12):2634-2639 (1994)
j		85	Moreno J.G. et al. "Detection of Hematogenous Micrometastasis in Patients with Prostate
		96	Cancer' Cancer Research 52:6110-6112 (1992)
1		86	Hannon et al. NCCLS "Blood Collection on Filter Paper for Newborn Screening
			Programs; Approved Standard—Fourth Edition—NCCLS document LA4-A4 [ISBN 1-
ļ			56238-503-8] NCCLS, 940 West Valley Road, Suite 1400, Wayne Pennsylvania 19087
		0.7	USA (2003) Vol. 23 No.21. Pages 1-31
1		87	Ernst et al. NCCLS "Procedures and Devices for the Collection of Diagnostic Capillary
			Blood Specimens; Approved Standard—Fifth Edition. NCCLS document H4-A5 [ISBN 1-
			56238-538-0]
			NCCLS, 940 West Valley Road, Suite 1400, Wayne Pennsylvania 19087 USA (2004) Vol.
		- 00	24 No.21. Pages 1-47
1		88	Kopreski Michael, S. et al. August 1999, "Detection of Tumor Messenger RNA in
			the Serum of Patients with Malignant Melanoma", Clinical Cancer Research Vol
		· · · · · · · · · · · · · · · · · · ·	5: 1961-1965
		89.	Vernon, S.D. et al; (2002) "Utility of the Blood for Gene Expression and Profiling
			and Biomarker Discovery in Chronic Fatigue Syndrome, Disease Markers, 18: 193
1			199
		90	Dasi, Francisco et al. (May 2001) Real-Time quantification in plasma of human
			telomerase reverse transcriptase (hTERT) mRNA: A simple blood test to monitor
·			disease in cancer patients. Laboratory Investigation, Vol. 81, No. 5, p.767-769,
<del></del>		91	Fleischhacker, Michael et al. (Sept 2001) Detection of Amplifiable Messenger RNA
1	ļ	7.4	in the Serum of Patients with Lung Cancer Annals. NY Acad Sciences 945:179-
Ì			188
		00	······································
		92	Gal, Shira et al. (Sept 2001) Detection of Mammaglobin mRNA in the Plasma of
			Breast Cancer Patients Annals, NY Acad Sciences, 945:192-194
'		93	Zhang, H.Q., Lu, H., Enosawa, S. Takahara, K. Sakamoto, T. Nakjima, H. S. and
	<b>\</b>		Suzuki, S. (2002) Microarray analysis of Gene Expression in Peripheral Blood
	1		Mononuclear Cells Derived from Long-Surviving Renal Recipients, Transplantation
	} 1		
			Proceedings 34 1757-1759
		94	Proceedings 34 1757-1759  Baechler, E.C., Batliwalla, F. M., Karypis, G. Gaffney, P.M.; Ortmann, W.A.

8/16/07

		ı		<del></del>						
			and Behrens, T.W. (March 4, 2003) Interferon-inducible							
-00		0.5	in Peripheral Blood Cells of Patients with Severe Lupus.							
		95	Lo, Y.M. Dennis (2001 Sept.) Circulating Nucleic Acids	in Plasma and Serum:						
		95	An Overview, Ann N Y Acad Scien 945: 1-7							
			Ng, Enders K.O., Tsui, N.B.Y., Lam, NYL, Chiu, R.W.K							
			S.C.C., Lo, E.S.F., Rainer, T.H., Johnson, P.J., and Lo, Y							
]			Presence of Filterable and Nonfilterable mRNA in the Pl	asma of Cancer Patients						
			and Healthy Individuals. Clin. Chem. 48(8):1212-1217							
		96	Mengelle, C. Sandres-Saune, K. Pasquier, C. Rostaing, L							
	- 1		Da Silva, I., Attal, M., Massip, P. and Izopet, J. (Aug 200	•						
	- 1		and Quantification of Human Cytomegalovirus DNA in V	Whole Blood by Real-Time						
			PCR Assay. J. Clin. Microbiology, 41(8):3840-3845							
		97	Samuel DePrimo et al. (2003) Expression profiling of Blo							
		ļ	SU5416 Phase II Metastatic Colorectal Cancer Clinical	Trial: A novel strategy for						
			biomarker identification. BMC Cancer, 3(3): 1-12							
		98	Taback B. et al. (Dec 15, 2001) Detection of Occult Metastatic Breast Cancer Cells							
	1	1	in Blood by a Multimolecular Marker Assay: Correlation with Clinical Stage							
	1	1	Disease. Cancer Research, 61:8845-8850							
		99	Schuster R. et al. (2003) Quantitative Real-Time RT-PCR for Detection of							
			Disseminated Tumor Cells in Periphral Blood of Patients with Colorectal Cancer							
	1.		Using Different mRNA Markers. Int. J. Cancer. 108:219-227							
	7	100								
			Peripheral Blood Mononuclear Cells from Patients with Advanced Renal Cell							
	1		Carcinoma. Cancer Research, 63:6069-6075							
		101	Vawter M. et al. (2004) Microarray screening of lympho	cyte gene expression						
			differences in a multiplex schizophrenia pedigree, Schizo							
İ	i		(2004):41-52							
		102								
	1		Neumann et al. (Jan 2002) Identification of differentially	expressed genes in						
	1	İ	rheumatoid arthritis by a combination of complementary DNA array and RN							
	j		arbitrarily primed-polymerase chain reaction. Arthritis I	Rheum. 46(1):52-63.						
	·, ·			•						
		103	Schwering, I. et al. (2003) Profiling of Hodgkin's lympho	ma cell line L1236 and						
			germinal center B cells: identification of Hodgkin's lymphoma-specific gene							
	i	1	Molecular Medicine, No. 3-4: 85-95							
		104	Martin, K. et al (2001) High-sensitivity array analysis of	gene expression for the						
			early detection of disseminated breast tumor cells in peri							
XX			of National Academy of Sciences, Vol. 98, No. 5: 2646-2651							
EXA	MINE	R		DATE, CONSIDERED						
			40	8/16/0/						

\*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

\*\* Copies of references not provided at the time of this submission.